



# Head of Research and Development

<b>Degree of education</b>	<ul style="list-style-type: none"> <li>• BA in chemical engineering, College of Chemical Engineering</li> <li>• MA in chemical engineering, University of Chemical Engineering</li> <li>• PhD graduation Summa Cum Laude for the thesis entitled “Research and Development of Environment-friendly Technologies for Tank Fire Extinguishing”</li> </ul>
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<b>Languages</b>	<ul style="list-style-type: none"> <li>• English – professional working proficiency</li> <li>• Hungarian - native language</li> </ul>
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<b>Qualifications / Certificates</b>	<ul style="list-style-type: none"> <li>• ISO14001 auditor (TÜV Rheinland)</li> <li>• to date: registered Fire Protection Designer</li> <li>• Senior pyrotechnician graduated at Chemical and Explosives Inspectorate</li> </ul>
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<b>Membership</b>	<ul style="list-style-type: none"> <li>• Fire-Fighting Department of the Scientific Society of Mechanical Engineering,</li> <li>• Establishing member of Fire Engineers Association of Hungary,</li> <li>• Deputy Chairman of the Hungarian Fire Museum Fellows,</li> <li>• Chairman of Iris Nature Friendship Society.</li> </ul>
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**Number of patents granted:** 72  
**Number of patent applications under evaluation:** 4.

## Prizes and recognitions:

2008	International Exhibition of Inventions China: golden medal.
2006	International Exhibition of Inventions Moscow: golden medal.
2006	International Exhibition of Inventions, Paris: silver medal.
2005	United Nations Organization WIPO: golden medal in environment protection.
2003	International Exhibition of Inventions Geneva: silver medal.
2003	FoamFatale technology is awarded the title ‘Environment-friendly Product’
2002	‘Szilvay Kornél’ commemorative medal.
2001-2002	participant in the exhibition entitled “Dreamers of Dreams”
1992	Inventions Exhibition, Geneva, silver medal.
1992	award for “Environment Friendly Extinguishing Agents” issued by the National Headquarters of the Fire Service, Hungarian Ministry of Interior



## WORK EXPERIENCE / REFERENCES

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Manuscript of Storage Tank Fire Fighting in English

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To date: 17 scientific articles published in diverse special journals.

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Invented the "FoamFatale" Tank Fire EXtinguishing System and put it in practice

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To date: consultant to six graduates specialising in fire-fighting at the Ybl Miklos Technical College for Fire Engineers and at the University of National Defence

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To date: fire extinguishing system design, research and development.

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To date: 22 lectures at international and Hungarian conferences.

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Established the IFEX Fire Protection Co.

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Invented the Instant Foam technology.

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Invented the Impulse Fire EXtinguishing technology.

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To date: owner and managing director of the IFEX Engineering Office, active in the field of technical development and research.

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Employed as head of production department at United Pharmaceutical and Food Preparations Factory.

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Swiss Fire Protection  
Research & Development AG